

Department of Corrections Capital Needs



Presented by Chief of Operations David Robinson
to a Joint Meeting of
Senate Finance Public Safety and
Capital Outlay & General Government
Subcommittees

October 25, 2018

Capital Priorities

1. Powhatan Infirmary
2. Deerfield Long-Term Care Unit
3. Nottoway Bundled Repair
4. Buckingham Bundled Repair
5. Augusta Bundled Repair
6. Red Onion/Wallens Ridge Plumbing & Security Repair

PRIORITY #1: Construct Infirmary

324 Beds Located at site of Powhatan Correctional Center

Phase I: 120 Infirmary Beds plus Clinical, Support, and Administrative Space

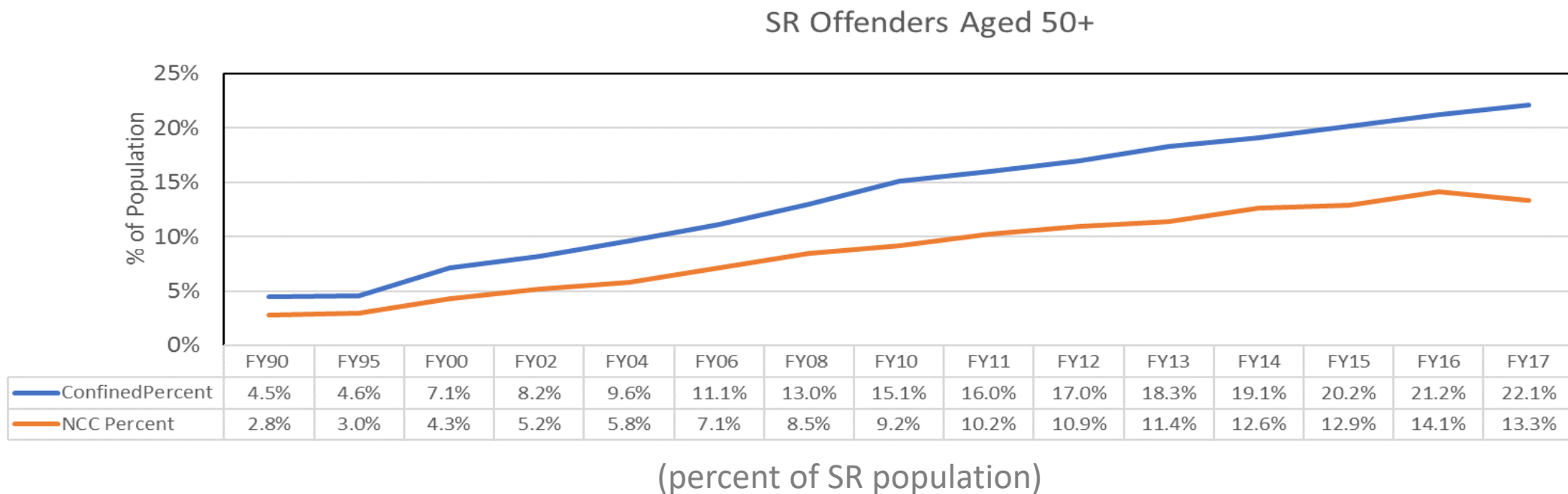
Phase II: 204 Infirmary Beds to meet the projected need by FY2024

Infirmary Bed Need Drivers

- Cost—\$3,000/inmate/day to rent off-site Infirmary bed
- Staffing—Shortage of Infirmary beds leads to staffing shortages caused by medical transportation runs (2 Officers/inmate/trip)
- Prevention—Control spread of infectious diseases to staff and offenders
- Population Trends/Projections—Increasing older population with more acute conditions require more infirmary beds

Population Trends

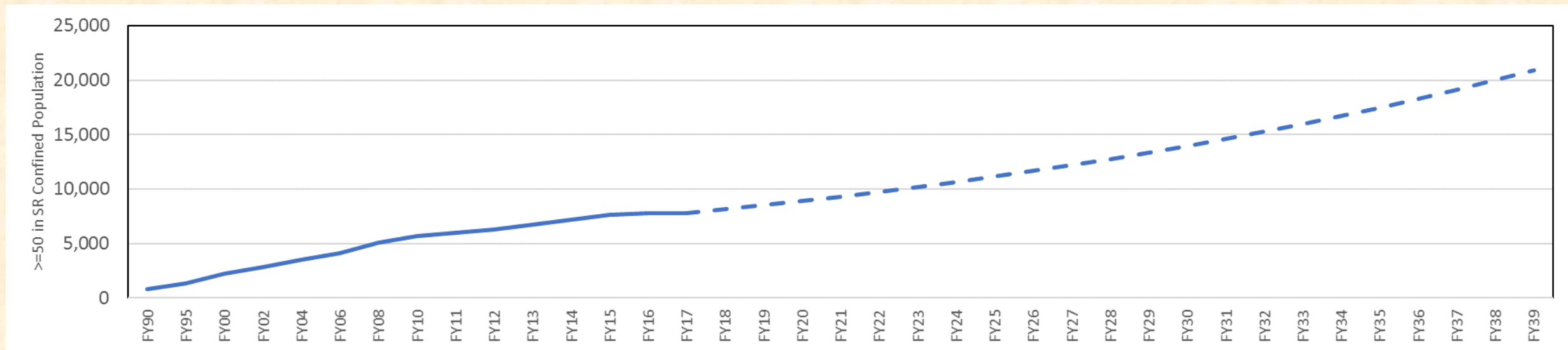
- Virginia's age 55+ population has grown by **57.4%** since 2001
- State Responsible New Court Commitments (NCC) age 50+ has grown by **387%** since 2000, now 13.3% of the SR population
- State Responsible (SR) Confined Population age 50+ has grown by **348%** since 2000, now 22.1% of the SR population



The growth of the prison geriatric population outpaces the growth of the aging general public.

State Responsible Population Projection

- 4.6% annual growth rate in 50+ SR Confined population has held constant since 1990 (28 year trend)
- At this 4.6% growth rate, the 50+ SR Confined population will grow to:
 - Over 10,000 by FY2024 (6 years)
 - Over 15,000 by FY2032 (12 years)



DOC SR population is coming in older and sicker and staying longer.

PRIORITY #2: Construct Long-Term Care Medical Unit

115 Long-Term Care Beds at Deerfield Correctional Center

- 30 Assisted Living Beds
- 34 Nursing Home / Skilled Nursing Beds
- 46 Dementia Beds
- 5 End-of-Life (Hospice) Beds
- Infirmary beds for the Geriatric/Deerfield population
- Associated clinical, nursing, equipment space

Long Term Care Bed Need Drivers

- Cost—\$1,000/inmate/day to rent off-site nursing home/skilled nursing bed
- Staffing—Shortage of Infirmary Beds at Deerfield leads to staffing shortages from medical transportation (2 Officers/inmate/trip)
- Prevention—Control spread of infectious diseases to staff and offenders
- Capacity—Increased need based on growth (SR Population getting older, sicker, and staying longer)

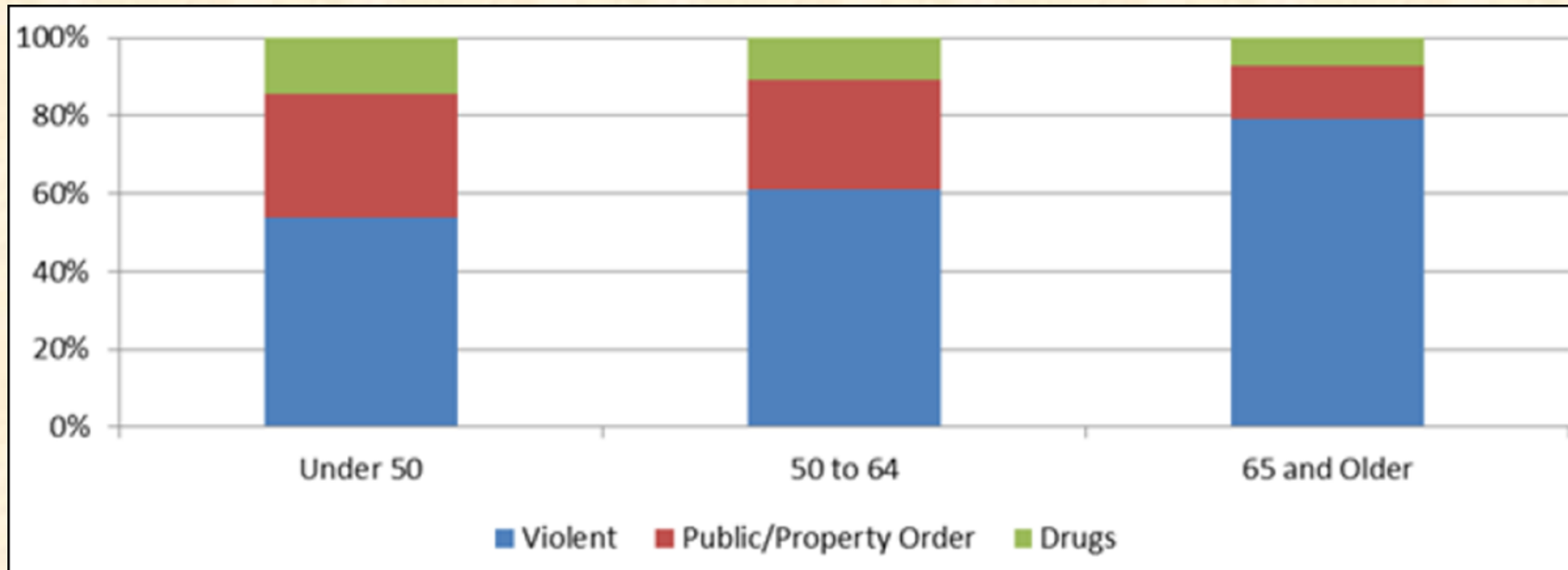
Geriatric Definition

According to the American Correctional Association, individuals age 50+ exhibit the effects of aging much more severely than their non-incarcerated peers due to lack of care for mental and physical health issues and lifestyle choices prior to incarceration. In Virginia, this group is referred to as the “geriatric population.”

The DOC projects this population to be 1/3 of the total State Responsible population by 2024.

Geriatric Crime Type

- 54% of under 50 age group incarcerated for violent crimes
- 61% of the 50-64 age group incarcerated for violent crimes
- 79% of the 65+ age group incarcerated for violent crimes



Priorities 3 – 6: Repair Projects

3. Nottoway Bundled Repair
4. Buckingham Bundled Repair
5. Augusta Bundled Repair
6. Red Onion/Wallens Ridge Plumbing & Security Repair

Repair Need Drivers

- Heavy Use—In a 24/7 secure facility, all building systems are critical.
- System Failures—Increasing number of unplanned outages and emergencies
- Public Safety—Potential for facility evacuation due to system failures. Failure of any system is a risk to public, staff, and inmate safety.
- Process Requirements—Front end time and effort required for Pool funding and release of funds precludes fast reaction even in emergency situations

PRIORITY #3: Nottoway Bundled Repairs



Aged Windows

PRIORITY #4:
Buckingham
Bundled Repairs



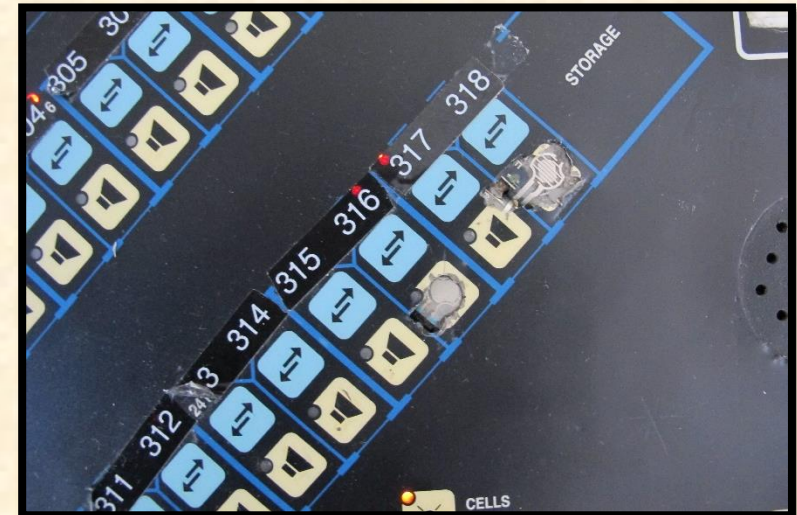
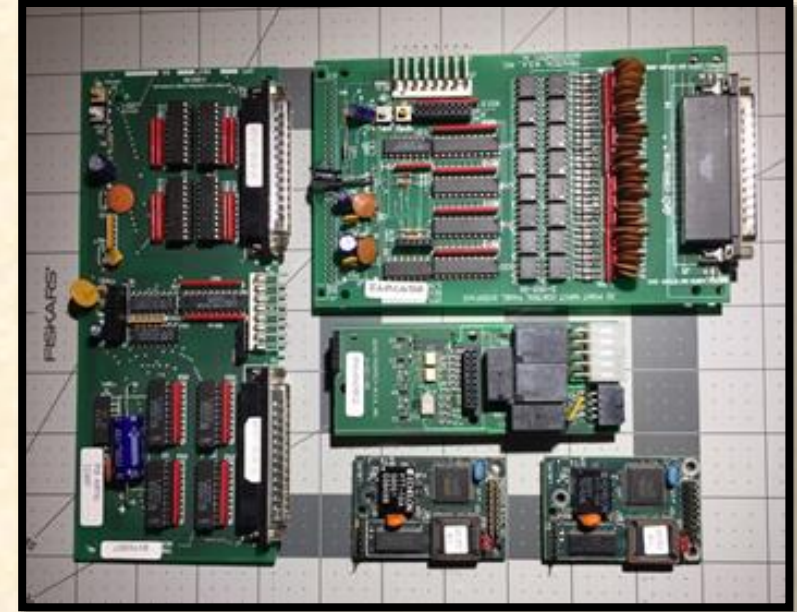
Plumbing
Infrastructure

PRIORITY #5:
Augusta
Bundled Repairs

Systems included in Bundled Repairs

- Domestic Water Distribution
- Boiler
- Electrical & Lighting
- Elevators & Emergency Exit Stairs
- Exterior Doors & Windows
- Fire alarms & Sprinklers
- Gym Floor Replacement
- HVAC
- Interior Doors & Windows
- Caulking Precast Joints
- Roofs
- Sallyport Roof/shelter
- Site Lighting & Walkways
- Staff office building
- Tool room & Key Control building
- Entry Control Building

PRIORITY #6 : Red Onion & Wallens Ridge Bundled Repairs (Plumbing: Water, Heat; Electronic Door Controls)



Summary

- Priority 1 and 2: Infirmary at Powhatan and Long Term Care beds at Deerfield
- Nottoway, Buckingham, and Augusta need full facility renovations now
- Red Onion & Wallens Ridge: security door locking systems, heating pipes and hot water pipes